

Federal Communications Commission

§ 21.949

BTAs or PSAs must comply with the requirements of § 21.902.

(h) Where a PSA adjoins a BTA and both authorizations are held by the same individual or entity, the PSA shall be considered an extension of the protected service area of the BTA regarding the interference protection, limiting signal strength, and notification provisions of this section.

[60 FR 36557, July 17, 1995, as amended at 60 FR 57367, Nov. 15, 1995; 63 FR 65112, Nov. 25, 1998]

§ 21.939 Harmful interference abatement.

In the event harmful interference occurs or appears to occur, after notice and an opportunity for a hearing, Commission staff may require any Multipoint Distribution Service conditional licensee or licensee to:

(a) Modify the station to use cross polarization, frequency offset techniques, directional antenna, antenna beam tilt, or

(b) Order an equivalent isotropically radiated power decrease, a reduction of transmitting antenna height, a change of antenna location, a change of antenna radiation pattern, or a reduction in aural signal power.

[60 FR 36557, July 17, 1995]

§ 21.940 Non-subscription MDS service.

The Commission must be notified, and prior Commission approval obtained, before Multipoint Distribution Service or Multichannel Multipoint Distribution Service may be provided on a non-subscription basis.

[63 FR 29668, June 1, 1998]

§§ 21.941–21.948 [Reserved]

§ 21.949 Individually licensed 125 kHz channel MDS response stations.

(a) The provisions of § 21.909(a), (e), (h), (j), (l) and (m), and § 74.939(j) of this chapter, also shall apply with respect to authorization of a 125 kHz channel(s) MDS response station not under a response station hub license. The applicant shall comply with the requirements of § 21.902, and § 21.938 where appropriate, including the provisions of §§ 21.909, 21.913, 74.939 of this chapter and 74.985 of this chapter regarding the

protection of response station hubs and booster service areas from harmful electromagnetic interference, using the appropriately adjusted interference protection values based upon the ratio of the bandwidths in use, where the authorized or previously-proposed co-channel or adjacent channel station is operated or to be operated in a system with one or more response station hub(s).

(b) An application for a license to operate a new or modified 125 kHz channel(s) MDS response station not under a response station hub license shall be filed with Mellon Bank on FCC Form 304. The applicant shall supply the following information on that form for each response station:

(1) The geographic coordinates and street address of the MDS response station transmitting antenna; and

(2) The manufacturer's name, type number, operating frequency, and power output of the proposed MDS response station transmitter; and

(3) The type of transmitting antenna, power gain, azimuthal orientation and polarization of the major lobe of radiation in degrees measured clockwise from True North; and

(4) A sketch giving pertinent details of the MDS response station transmitting antenna installation including ground elevation of the transmitter site above mean sea level; overall height above ground, including appurtenances, of any ground-mounted tower or mast on which the transmitting antenna will be mounted or, if the tower or mast is or will be located on an existing building or other manmade structure, the separate heights above ground of the building and the tower or mast including appurtenances; the location of the tower or mast on the building; the location of the transmitting antenna on the tower or mast; and the overall height of the transmitting antenna above ground.

(c) Each MDS response station licensed under this section shall comply with the following:

(1) No MDS response station shall be located beyond the protected service area of the MDS station with which it communicates; and